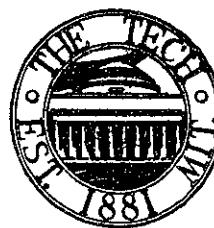


# The Tech

"Let's Set The Rising Sun"



CAMBRIDGE, MASS., TUESDAY, MAY 19, 1942

PRICE FIVE CENTS

## The Tech Elects Three New Men To News Staff

Burns, Ham, Frailey Raised To Reporters; Grosjean Promoted

Three more freshmen were elected to the staff of the news and sports departments of The Tech at the regular monthly meeting of the Combined Boards of the paper, held last week in the news room in the basement of Walker Memorial. These men, Charles H. Burns, Clifford C. Ham, and Jack Frailey, were elected after serving as freshman candidates for the past two months. Warren J. Grosjean, another freshman, was elected to the staff as assistant in the circulation department.

With the other men elected at the end of the last term, this brings to a total of eight the number of freshmen now serving as reporters, with an equal number working in the various business departments, and seven more working in the photo and engraving departments.

Last night the results of the news room freshman competition were announced. Milton A. Widelitz was the winner among the experienced men, making him one of the leading men for promotion next year. Charles H. Burns was the winner among the new men. Burns is to receive a prize for his excellent showing in the contest.

A similar contest was held last term at which time awards were made to the winners. It is expected that a similar contest will be held next fall in order to encourage competition among members of the Class of 1946 for positions on the staff of the news paper. No previous experience in journalism is required as The Tech has its own training program in journalism, business, photography, and photo-engraving.

## Franklin Elected A. C. S. President At Last Meeting

Gardner, Ottinger, Briber And Brown Fill Other Posts

At the last meeting of Alpha Chi Sigma, honorary chemical fraternity, held last Thursday, William G. Franklin, '43, was elected president of the organization.

The other officers of the fraternity who were chosen at Thursday's meeting are: John E. Gardner, Jr., '43, vice-president; Harry Ottinger, Jr., '43, secretary; Frank E. Briber, Jr. '43 treasurer; and Steven H. Brown, '44, representative to the national convention.

This year the Alpha Chi Sigma's annual convention is to be held from Thursday, June 19, through Monday, June 23, in Chicago. Chapters from schools all over the country will each send a representative.

## Tech Cabin Is Available Now For This Weekend

The Tech Cabin is available this week-end for occupancy by any group of students which desires to do so, it was announced yesterday by Milton R. Daniels, '45, director of the Tech Cabin.

Arrangements to use the facilities of the cabin may be made in the T.C.A. office in Walker Memorial between the hours of 9:00 A.M. and 5:00 P.M.

## Largest Tech Freshman Class Will Enter Institute This Fall

"The Class of 1946 seems to be a pretty promising group," Professor B. Alden Thresher, director of admissions said yesterday in an interview with The Tech. He further stated that the first freshman class to enter the Institute during World War II will be making Technology history in another way, as it is to be the largest freshman class ever to enter the school.

Of course no admissions have been made as yet, but based upon the tentative reports which were sent out on May 1, about 700 students of the 2,000 who applied are to be admitted to the Institute. The number of applications received this year outnumbered last year's petitions for admission by about 200, a fact which shows the marked tendency for boys and their parents to look with favor upon an engineering education. This large class will tax the housing facilities of the dormitories, the fraternities, and the various boarding houses in the vicinity of Technology to the limit. There are only 150 dormitory rooms available to entering freshmen, so that the remaining 550 will be forced to find lodgings elsewhere. The fact that living quarters are to be at a premium should make the fraternity rushing problem much simpler this year than in past years.

Other bits of interesting information about the Class of 1946 were revealed by the Office of Admissions. Those occasional inhabitants of the Margaret Cheney Room will be pleased to learn that a few more co-eds are expected to enter Technology next Fall than entered last Fall. Four-fifths of all the students coming to the Institute for the first time in September have been accepted without examinations, having been graduated in the upper fifth of accredited high or preparatory schools.

As is to be expected, the advent of the war produced a marked decrease in the number of foreign students who will be members of the Class of 1946. While the number of freshmen coming from South America is expected to be larger than it was last year, very few students

(Continued on Page 2)

## Debating Society Wins 30 Debates During Past Year

Review First Year As Class A Activity; Make Future Plans

The M.I.T. Debating Society is now reviewing its first year as a Class A activity and laying plans for next year. During the past year it took part in 45 debates with a won-lost average of 0.666. In addition, it sponsored a model senate, several open forums, and collaborated with the T.C.A. in sponsoring a series of post-war peace conferences.

This society is an organization whose purpose is to further debating and allied activities at the Institute. Those who join may take part in two different types of work. A member may be an active debator, a manager, or both. Only those who take part in the management are eligible to hold office.

Among the debates scheduled for next year is one at the Norfolk Prison Colony and several exhibition debates in front of such organizations as Rotary clubs. There will also be several radio debates over station WAAB and the Colonial network. In addition to these regular inter-collegiate affairs, there will be a number of practice debates with special coaching for the active debators.

## Mackintosh Wins Chemistry Prize

Arnold Mackintosh, '44, was awarded the Alpha Chi Sigma freshman chemistry prize for the year 1940-41, it was announced last night. This prize given annually by the society represents the best record in freshman chemistry.

The award consists of an associate student membership in the American Chemical Society, and the placing of the man's name on a plaque in Room 2-390. The winner of the award is selected by the men in the chemistry department who teach 5.01 and 5.02.

The award was won last year by Clinton C. Kemp, '43, and in the previous year by Jerome T. Coe, '42. John E. Harsch, '43, will represent Alpha Chi Sigma in making the award.

## Prof. Frederick G. Keyes Receives Honorary Medal

Dr. Frederick Keyes was awarded the Theodore W. Richards medal Thursday night, May 14, by the Northeastern Section of the American Chemical Society, at a ceremony held in Morss Hall of Walker Memorial.

Dr. Keyes, who was formerly head of the Department of Chemistry here at the Institute, was presented with this honor in recognition of outstanding work during the past year. The presentation was made by Professor Avery A. Ashdown.

## Officers To Explain Army Training Program In Room 4-370 Today

### Official Notice

The Army Air Corps' Officers will be at Technology at 4:00 P.M. tomorrow in Room 4-370 to discuss the Air Corps Cadet Program as advertised in The Tech.

This meeting is for interested Technology students only. The talks will be repeated at 5:00 P.M. on this date for men having classes at 4:00 P.M.

### Reserve Enlistment Will Be Outlined To All Interested

Men in the Institute interested in the training plan recently offered by the Army Air Corps will have an opportunity tomorrow to learn more of the details of the plan when officers of the Army will be in Room 4-370 from 4:00 P.M. answering questions and discussing the plan.

The plan which is open to all college students between the ages of 18 and 26, provides that applicants enlist in the Air Corps Enlisted Reserve and continue their schooling. They will be allowed to complete their full college course provided they continue to have satisfactory scholastic standings.

This plan which does not alter regulations regarding established R.O.T.C. plans, has been approved by the secretary of war as a part of an enlisted reserve corps program shortly to be announced throughout the entire Army.

Men signing up under the plan will start to draw pay as soon as they are called to active duty and will receive \$75.00 per month while in training. The training course lasting 8 months leads to a commission as a second lieutenant in the Army Air Forces. In this branch pay ranges from \$183 to \$245 per month.

There are also opportunities for college men in the armament, communications, engineering, meteorology, and photography divisions of the air corps. The regular army physical qualifications must of course be met by the men entering this plan.

## Biedenharn Wins In Math Contest

### Raisbeck Takes Top Honors Among Frosh

Lawrence C. Biedenharn, Jr., '44, and Gordon Raisbeck, '45, respectively, won the Sophomore and freshman mathematics contest, the examinations for which were given on Saturday, May 9. Second prizes were awarded in each competition to Ahmad A. Kheiralla, '44, and Robert H. Mazur, '45.

The prizes are books which were chosen by a committee appointed by the Mathematical Society, sponsors of the contest, and will be given to the winners at a tea to be held at 5:00 P.M. next Friday in Room 2-170. In the Sophomore Class Lee C. Eagleton and William H. Redlien, Jr., received honorable mention. Jaime C. Abreu and Clare P. Johnson were awarded honorable mention in the freshman contest.

## Professor Wiener, Famed Mathematician, Tells What He Knows Of Chinese And Japs

Professor Norbert Wiener internationally reputed mathematician, expressed surprise at your correspondent's amazement at his grasp of politics. "After all," he said, "I have been in all these countries and kept my eyes open, and . . ." Here he shrugged his shoulders and punctuated his meaning with a clink of his key chain.

Professor Wiener is a graduate of Tufts College, Class of 1909. He received his doctorate from Harvard in 1913, and has done graduate work at Columbia, Cornell, and the Universities of Cambridge, Gottingen, and Copenhagen. He has been a member of the Faculty from 1919 until the present. Both the London Mathematical Society and the National Academy of Sciences have elected him to membership in their societies. In the scholastic year 1936-7, he was on leave from Technology to act as research professor of mathematics at the Na-

(Continued on Page 2)

### WORLD TRAVELER



Professor Norbert Wiener

## Beaver Key Will Elect New Secretary And V. P.

Because the present vice-president, Clinton C. Kemp, '43, and secretary, John R. Gunther, '43, are to attend the Course X practice school beginning this summer, the Beaver Key society is to hold elections of officers to replace them. These elections are to take place at a meeting tomorrow at 5:00 P.M., in Room 10-200.

Besides the choosing of officers, the society plans to discuss another matter of importance to the Junior Class, the summer athletic program.

# The Tech



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Tuesday, May 19, 1942

No. 28

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Offices of The Tech

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Night Editor: Bruce Fabens, '45.

## THE TECH STUDENT'S OPINIONS

The astounding news of the week in the opinion of some Technology students is contained in the results of the T.E.M. survey on the Tech Student. Thus it is noted that in the Class of 1944 those lucky men having cumulative ratings between 4.00 and 4.50 not only spend 11 hours of every week walking from and to M.I.T., but they also spend 17 hours a week riding in automobiles with the same purpose in mind. This makes 4 hours of every day spent, evidently not to the detriment of the persons involved, in making his daily trek. We are eager to discover what the result of gasoline and tire shortages will be on these weary travelers.

In a more serious vein we note that, of the various courses at the Institute, two, namely Course V and Course XVI, are not considered by the students of these courses to be the best offered in the country in the particular field. Since loyalty to one's own group generally creates a less critical attitude towards one's own course, the results of this survey constitute a very serious challenge to the faculty and students in both Chemistry and Aeronautical Engineering.

What the exact nature of the difficulty is we are not prepared to say; however we feel that here is something which merits not only immediate action, but a great deal of intelligent thought. The faculties of several other courses at the Institute have in recent years shown an increasing interest in the opinions of their students concerning the course, presented either in the form of anonymous written criticisms of the course or through interviews. They have also shown their ability and willingness to act on the advice received. It is hoped that some such action will soon enable the students of these last two Technology courses to feel justly proud of the organization of which they are an important part.

## EDUCATIONAL OPPORTUNITIES

Condensed from *The New York Times*, May 17, 1942.

President Conant of Harvard said last week in his New York Times Hall address, "Equality of educational opportunity is still far from an accomplished fact." Some quarters would have greeted these words with gloom and excitement. They would say that America denies to the great majority of her people access to education.

But Dr. Conant spoke particularly of college education. He said that out of 1,200,000 young men who each year attain college-freshman age less than 250,000 enter college. It is only one-third of the 600,000 young men who every year graduate from high schools. But think of what it would have meant a quarter of a century ago in this country if 20 per cent of all men of college age went to college.

In 1910 our whole college population was a trifle over 250,000, or just the annual number of men alone who now enter college. Today the country's population is one and a half times what it was in 1910, but the college population, close to one and a half million men and women, is six times what it was in 1910. Educational opportunity, as measured in access to college, has multiplied four times in the course of a generation.

The lesson here is not altogether retrospective. People are speaking today of the better world which we shall build after the present war—and we can build a better world—and they are already beginning to say "Never Again"; as though in the past there had been no progress toward better things. Yet the most encouraging thing that we can keep in mind is that there has been progress, and that we can continue to do even better. But if people are really persuaded that in the past nothing was accomplished, they will be assailed by serious doubts whether in the future anything can be accomplished. Let them remember that the fact that much remains to be done does not necessarily mean that nothing as yet has been done.

## Professor Wiener

(Continued from Page 1)

tional Tsing Hua University in Peking, China.

To one who was always thought of a mathematician as being a person who never quite got his feet on the ground, Professor Wiener's knowledge and grasp of the foreign situation really did come as a surprise. He started out by telling what he saw in China.

"The Chinese," he said, "have conclusively shown that they are capable of taking an important place in the post-war world." To this he added that he does believe that the United Nations will win the war.

### Jap Scientists Underrated

He stated that the scientist was an important factor in the part that a nation must play in world affairs. The professor then said that he believed that the Germans themselves had proved this by killing off the scientists of the various countries they occupied. He added, however, that Germany itself was seriously handicapped by the fact that many of her own great scientists were now living in voluntary exile.

In regard to our own war in the Pacific, Professor Wiener warned that the Japanese rank high in the scale of scientific ability. "We should not, therefore, make the mistake of assuming that they will not discover new engineering tricks as soon as or sooner than we do," he said.

As regards the future world, the professor expressed the belief that it would be dominated by the three great nations—the United States, China, and Russia. He opined that in the future the world would have to exist as large, self-sufficient areas, until finally it took for itself one central government.

Professor Wiener had much to say in praise of China. The Chinese have the same theory of individual opportunity that we pride ourselves on. They are not handicapped by the caste system, and Young China has freed itself from the stagnating traditions of its past. The hero of many a Chinese play is a boy who rises from the gutter to pass a civil service examination and become a mandarin.

As to his own work, Professor Wiener had nothing to say, however, he expressed complete willingness to talk about anything under the sun except mathematics.

## A SHORTAGE OF TIRES—AND OF MEN!



## Class of 1946

(Continued from Page 1)

dents are to come from abroad. Of the students from the United States, the percentage coming from the different sections of the coun-

try will not change perceptibly, about 74% coming from the North Atlantic States, 11% from the North Central states, 5% from the South Atlantic states, 2.5% from the Western states.

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## Collegiate Roundup

by Paul Talalay

**Illinois Tech** has adopted an accelerated program of Engineering education which is expected to add more than one half million additional engineering man hours to the nation's war effort. Emergency measures taken at the Chicago Institute include the acceleration of the Class of 1943's Senior year according to a plan similar to that already in force at Technology. Class of 1943 will take its first term of the Senior year this summer immediately after the close of the present academic year, and will be graduated at the end of January 1943, five months ahead of schedule.

In order to overcome the shortage in the supply of high school graduates to engineering schools, Illinois Tech has adopted a novel pre-engineering program. This will take a selected group of high school Juniors, and prepare them for entrance into the college in the coming fall. Thirteen weeks of intensive study is planned for these high school Juniors in the essential pre-college subjects. In this way no significant sacrifice in the educational standards will be made, and at the same time, the men in question will become valuable engineers eighteen months ahead of the normal time.

**One way of Solving** the enrollment difficulties which have been presented by the war is reported from Centre College, Danville, Kentucky. Successful reduction in the number of freshmen who flunk out appears to be the basis of this novel idea. Center College has suffered in past years from an extremely high freshman mortality rate of 15 to 20%. An entirely new housing plan for freshmen was effected by the institution of small residential groups on the campus. This year the freshman mortality through insufficient scholastic achievement is not expected to be more than one per cent . . . indeed a welcome relief to many an anxious frosh.

**What Harvard Thinks** of Wellesley just won't pass the censor. Harvard '42 was asked his candid opinion of Wellesley girls. Result: a half-dozen inches of censored newsprint. In a hopeful style the Harvard man in question asks the indulgence of Wellesley women, and hopes that they will accept the criticisms offered in the spirit in which they were meant. There is no evidence of what spirit they were meant in. In order to safeguard his statements with respect to Wellesley, Harvard '42 states that "It would prove Wellesley an extremely narrow and bigoted group of women if they refused to print an article merely because it disagrees with their smug, self-satisfied opinion of themselves." Making no bones about completely eliminating all Harvard comment, the Wellesley News makes the cryptic little statement that the Harvard article just didn't come up to News Standards . . . that makes us feel real good up here at Tech,—we use more diplomacy.

**The National Polish** Gast Jet appeared for its first and most probably (in our opinion) last time recently in its International Edition. Claiming to be the leading Illustrated Sporting Journal in the World. Not to be confused with the notorious Police Gazette, the news-sheet deals ostensibly with nothing but the more subtle aspects of a not-so-subtle subject. Page two loudly proclaims a lecture on the Elastic Properties of the G-String, ably delivered and expounded with lecture-table demonstrations by one Margie Hart. While the equations derived for the simple harmonic motion of the G-string are somewhat beyond the grasp of this columnist, Miss Hart ably expounded her theory on stresses and strains, relative to the G-string and audience. . . . And all we have been trying to get past the censor is that the boys down at the Stevens Institute of Technology like to take a day off occasionally. Recently they put out the funniest, whackiest, four pages of newsprint that we

have seen hereabouts in recent years.

**President Coffey** of the University of Minnesota has intimated in a plain speech to the student body that students who are

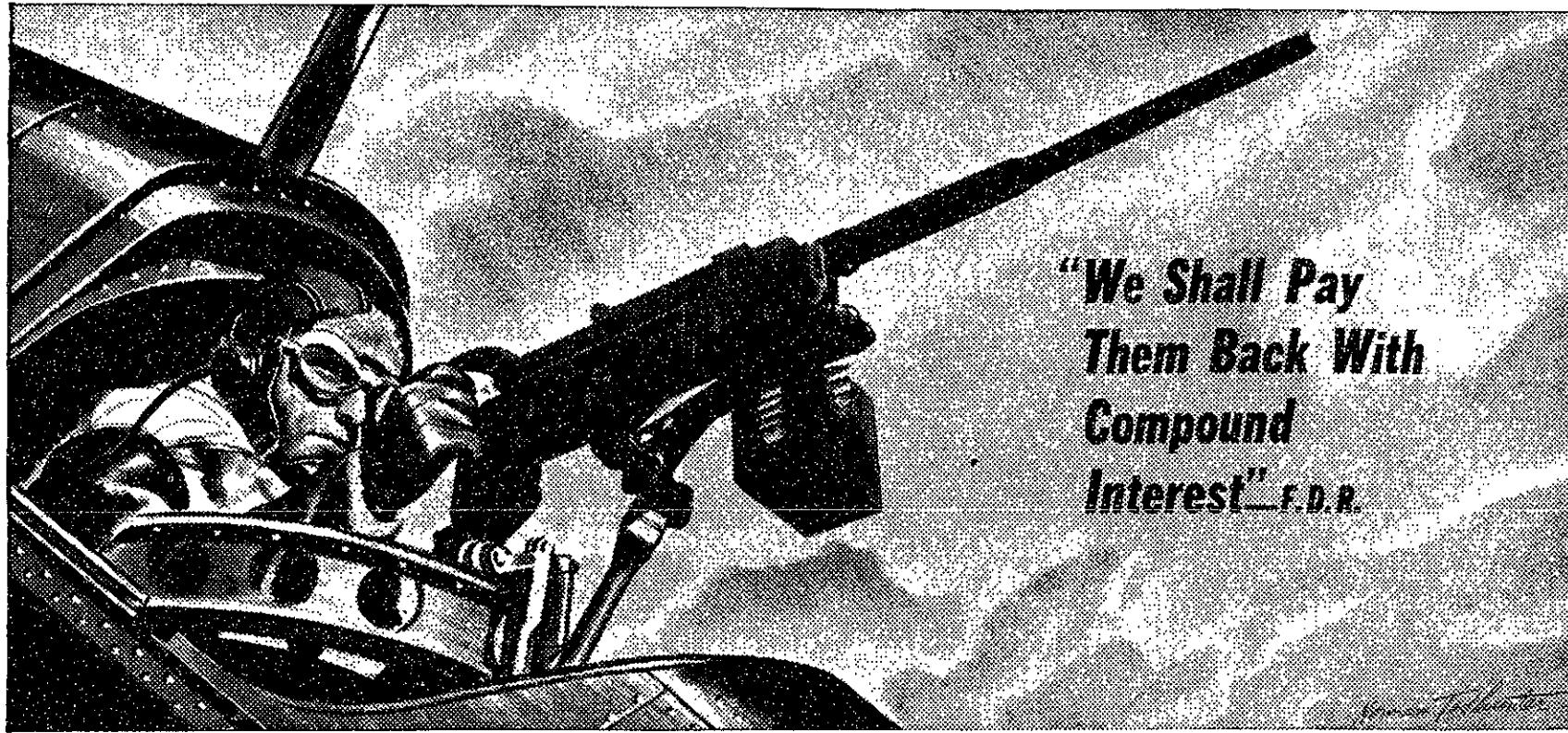
not at the university to better themselves so that the nation may be bettered are invited to pack up and go elsewhere. "I regret to make the observation," the educator declared, "but I believe it is true that in spite of the reality of the crisis that confronts us and in spite of the manifold sacrifices it calls for, large numbers of citizens are actually making sacrifices a matter of lip service."

"We are all ready to talk about

our privileges and the defense of them, but are we not as a nation, tending to understress the concomitant obligations, ignoring the truth that privileges cannot exist without obligations? More than aluminum pots and pans is called for from most of us—are we really willing and ready to give more?"

**From Washington** State College in Pullman, Washington, comes the startling observation that college girls eat more sci-

tifically than the general public. Survey at that Institution among 495 coeds, showed that 89 girls scored perfectly in a nutrition study. More of the girls fell slightly from perfection before the temptation of between meals candy than on any other count. The second most common deviation consisted of sleeping through the alarm clock and then missing breakfast to reach an early class . . . that happens around here too.



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IF your blood boils at the very thought of an enslaved world . . .

If Jap treachery and Nazi savagery make you see red and itch for a gun—calm yourself with the promise that we shall pay them back with compound interest!

We shall—and you as a college man now have the opportunity of serving as a Flying Officer—a Bomber, Navigator or Pilot—with that branch of service which will do that paying back in person—the U. S. Army Air Forces!

Under the new Army Air Force Reserve Plan—if you are a Senior or wish to leave school—apply now for your Aviation Cadet training.

You and your friends can share together the work and fun of flight training, and after approximately 8 months—earn the right to be flying officers in the U. S. Army Air Forces!

On the other hand, if you are a Freshman, Sophomore or Junior—you can, if you like, continue your studies under the Deferred Service Plan of the Army Air Forces—and become better prepared for Officers' Training later.

#### New Simplified Requirements

To qualify you must be 18 to 26 (inclusive), physically fit—and pass a new, simplified mental test which college men find easy.

When you are ready—and facilities are ready—you begin as an

### THREE ENLISTMENT PLANS FOR COLLEGE MEN

#### Juniors—Sophomores—Freshmen May Continue Their Education

1. A new plan allows Juniors, Sophomores and Freshmen, aged 18 to 26, inclusive, to enlist in the Air Force Enlisted Reserve and continue their schooling, provided they maintain satisfactory scholastic standing.

#### All College Men May Enlist for Immediate Service

2. All college students may enlist as privates in the Army Air Forces (unassigned) and serve there until their turns come for Aviation Cadet training.

3. All college students may enlist in the Air Force Enlisted Reserve and wait until ordered to report for Aviation Cadet training.

Upon graduation or withdrawal from college, men will be assigned to active duty at a training center as facilities become available.

If the necessity of war demands, the deferred status in the Army Reserve may be terminated at any time by the Secretary of War.

The new Army Air Force Enlisted Reserve Plan is part of an over-all Army Enlisted Reserve Corps program shortly to be announced. This program will provide opportunities for college men to enlist in other branches of the Army on a deferred basis and to continue their education through graduation if a satisfactory standard of work is maintained. In case of necessity the Secretary of War shall determine when they may be called to active duty.

It is understood that men so enlisted will have the opportunity of competing for vacancies in officer's candidate schools.

This plan has been approved in the belief that continuance of education will develop capacities for leadership. (Reserve enlistment will not alter regulations regarding established R. O. T. C. plans.)

Aviation Cadet at \$75 a month, with expenses paid.

If you have majored in science or engineering you can try for a commission in the ground crew—in Armament, Communications, Engineering, Meteorology, Photography.

As a Second Lieutenant on active duty, your pay ranges from \$183 to \$245 a month.

#### 80% Have Won Commissions

Due to thorough training—about four out of every five Aviation Cadets this past year received Second Lieutenants' commissions—of which 67% are now flying officers.

The tremendous expansion of the Air Forces should assure rapid advancement in all branches. And after the war—you'll be ready for the ever-growing opportunities in aviation.

#### Settle Your Service Now

The years ahead are war years—and every college man should make his plans accordingly.

To make America supreme in the air we need every college man who can qualify for active or deferred service.

So take advantage now of this option. You may never again have such opportunities.

See your Faculty Air Force Advisor for information and help with details. Join the thousands of America's college men who are enlisting this week!

NOTE: If you are under 21, you will need your parents' or guardian's consent. Birth certificates and three letters of recommendation will be required of all applicants. Obtain the forms and send them home today.



## SEE YOUR FACULTY AIR FORCE ADVISOR FOR FULL INFORMATION

(Or Apply to Your Local Recruiting and Induction Station)

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# Tech Ends Crew Year As Fine Harvard Boat Takes Adams Regatta

## Wisconsin, Navy, Tech And Penn Finish In Order

With the Harvard varsity annexing another triumph on the Charles, the Adams cup regatta, raced last Saturday in the late afternoon, brought to a close the Tech crew season. Although Technology failed to win a major regatta, the showing of all the crews improved as the season progressed.

The varsity race gave to the spectators thronging the shores a great competitive race, with five crews deadlocked for the first mile so that it was hard to tell which was leading. The final drive saw a fine Harvard varsity slowly fight its way to victory.

The first event of the afternoon was the freshman race. The Harvard boys had to fight all the way to overcome the bids of Tech's vastly improved boat. Pennsylvania and Navy followed in that order. Harvard's time was 9:25; Tech's was 9:43 for the mile and three-quarters, the Adams cup distance.

The junior varsity race was perhaps the most thrilling of the afternoon. Spectators along the shore were treated to a magnificent show of coordination and fast stroking as the Penn junior varsity swept by all competition. At the finish line Harvard and M.I.T. followed close behind in that order, with Navy trailing all. Penn's time for the course was 9:40.

The feature of the afternoon was the varsity race. Wisconsin, rightly

(Continued on Page 5)

## Tech Takes 2nd In Cup Regatta; Harvard Wins

### First Time In History Of Sailing Here That Pavilion Gets No Cups

Playing host to the Boston Dinghy Club Intercollegiate Challenge Cup Regatta last Sunday the sailors of the Nautical Association took second place in the series. For the first time in dinghy competition Harvard won a major championship, taking 196 points.

This regatta also represented the first time since dinghy sailing was established here that the Sailing Pavilion has been left without a single major championship. Sam Parkinson and Hal Boericke held up the name of the Institute however by taking first place in the second division.

Commodore Dave Noyes of the Harvard Sailing club led the scoring of the day by winning the first division with 101 points assisted by Putnam of Harvard. In the second division Johnny Burton and George O'Day of Harvard aided the victory by taking second place to Technology with 96 points.

After the five morning races in flucky winds, Technology stood seven points behind Harvard but picked up to trail by one point in two races. In the last two races, however, Harvard spurted out ahead again by taking two firsts while our sailors were disqualified from two races.

Following Noyes and Putnam in the first division came Lau, and Hans Aschaffenburg of Technology tied with G. Martin and D. Martin of Rhode Island State with 75 points.

The twelve competing teams finished in the following order: Harvard, 196; M.I.T., 171; Dartmouth and Williams, each 155; Northeastern, 135; Boston College, 130; Holy Cross, 127; Worcester Tech, 117; Rhode Island State, 116; Brown, 102; and Boston University and Drexel Tech each with 67 points.

### Beaver Key Softball Finale Rained Out

The final game of this year's Beaver Key softball tourney which was to be played last Sunday at the Fens Stadium between Sigma Alpha Epsilon and Sigma Nu, was rained out.

Sid Atlas, director of the tourney, announced that the date on which the game is to be played has not as yet been decided upon, at any rate, the game will be played before the end of this semester.

### VARSITY TENNIS TEAM ENDS SEASON



The varsity tennis team which concluded its season in a match with Harvard last Friday. Front row, left to right: Norman Greenman, Art Mestier, Warren Howard, Ben Lange, Fred Kaneb, and Ken Nelson. Back row, left to right: Docal, Picardi, Wunsch, Stern, and Eagleton. Dick Stern is manager of the team; Picardi Wunsch are assistant managers.

### Tennis Team Loses Last Spring Match

Technology suffered a crushing defeat on the tennis courts at Harvard when eight members of the varsity squad were outpowered in every match but one in a tournament last Friday with Harvard, the last of the spring season.

The singles matches were played off first, all of which were losses for Technology. Bern Lange, '43, lost 6-3, 6-2; Fred Kaneb, '43, lost 6-3, 6-3; Ken Nelson, '44, lost 5-7, 6-3, 6-2; Bob Gunther went under 6-0, 6-0; Norm Greenman, '44, lost 6-2, 6-0; and Warren Howard, '44, was defeated 6-2, 7-11.

Pairing off for the doubles matches, Nelson and Greenman won a close 8-6, 6-4, but Lange and Kaneb died fighting 6-3, 7-5, and Al Saer, '44, and Dick Curyr, '44, were crushed 6-0, 6-1 by Harvard.

## Beaver Feats

BY GARD SLOAN

### Summer Athletics Available If Students Will Participate

There will be no shortage of athletic facilities at the Institute this summer. However, the success, as well as the continuance of the athletic program, depends entirely on what active interest is shown by the summer students.

The swimming pool as usual will be open during the summer and should prove one of the most popular recreation centers. Oscar Hedlund and Bob Bowie will be out on Briggs Field for those interested in

track. Possibly informal intercollegiate track competition will be arranged with colleges in and around Boston.

### Crew Rows On

Bob Moch, head crew coach, will be absent on vacation until the latter part of June, but Pat Manning, fifties coach, will take command of the crew house in Moch's absence. The tennis and squash courts are to be open to racquet fans. The Walker Gym and the services of H. P. McCarthy will also be available.

With excellent sailing facilities within handy reach, the Sailing Pavilion should do a rushing business when summer heat and gas rationing gang up on the engineers.

### Beaver Key Active

The Beaver Key Society plans to remain active this summer in its regular capacity, the direction of intramural sports. No definite plans have been made, but accord-

ing to Jack Gardner, president of the society, Beaver Key is prepared to run tournaments in softball, tennis, sailing, golf, swimming and possibly crew. Whether or not these tournaments become a reality depends on the interest shown by the students. With this array of athletic recreation confronting the student body this summer it will be a matter of choice, his choice of the sport he likes. Every student should take up some form of exercise and stick to it every day. The coaches and the Beaver Key men are not going to hang around just for a few fellows who show up any old time.

The success and the continuance of the athletics this summer depend on the active interest shown by the students. Excellent physical condition will be necessary to carry the undergraduates, Juniors especially, through sixteen months of study.

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Experience shows that failure on the part of students after entering the Institute is usually due to insufficient preparation rather than to the difficulty of the Institute courses.

Students who have successfully met Chauncy Hall requirements have no difficulty in carrying the Institute courses efficiently and creditably.

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Students planning to enter the Institute are advised to take an extra year of preparation at Chauncy Hall rather than to begin work handicapped by "Conditions" or by "Cram" courses taken during the summer.

If you desire the advantage of such training, write or telephone for an appointment.

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**Moch Will Make Awards At Annual Crew Dinner**

Technology's crew team will celebrate its season this Wednesday night, 6:30 P.M. in Pritchett Hall. There the Annual Crew Banquet will be held. Although the season was cut short for many of the rowers this year, each member of the team is invited. This includes both oarsmen and ex-oarsmen, coxswains and ex-coxswains. The speaker of the evening will be the team's coach, Bob Moch.

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Upper left: Ed Judd topping the bar at 11' 6" to tie for first place in the pole vault. Lower left: Bob Meny takes his mark. Bob won the dash in the record-equalling time of 10 flat. Right: Bob Miller breaks the tape in the mile run.

**Springfield Vanquished In Track Season Finish****Meny Equals Mark For 100 Yd. Dash Against Stiff Wind**

The Beaver track team wound up its season in a successful manner as they took the measure of the Springfield Maroons by a count of 78 1/3 to 56 2/3. Tech dominated the track events by a count of 51-21 but was edged out in the field events by a score of 35 2/3-27 1/3. The meet which was held on Briggs Field on Saturday afternoon brought the teams record up to three victories in as many starts.

Standout performances of the day was Bob Meny's 10 second running of the 100 yd. dash against a brisk wind. This was equal to Institute record set by Dick Bell in 1932. Larry Stewart, hurdles expert, led the individual scoring with 14 points. He won both the high and low hurdles, got a second in the 220 and a third in the 100. Farina sparked the opponents attack as he won the shot put and got a second in the hammer throw.

In competition so far this season the track team has scored a total of 258 points to their opponents 158. This makes an average of 86 points per meet to the opponents average of 46. The team is planning to send several men to represent Tech at the I.C. 4-A. meets in New York on May 19 and 20. The entries will in all probability be; Bob Meny in

the 100 and 220, Sid Hall in the 440, Bob Miller in the 2 mile run, Larry Stewart in the low hurdles and Dick Wareham in the hammer throw.

The individual results of the meet with Springfield are as follows:

**High Hurdles:** (1) Stewart, (T); (2) Schultz, (T); (3) Beecher, (T). Time 16.2 sec.

**Low Hurdles:** (1) Stewart, (T); (2) Dumphy, (S); (3) Booth, (S). Time 24.8 sec.

**100-yd. Dash:** (1) Meny, (T); (2) Dumphy, (S); (3) Stewart, (T). Time 10.0 sec.

**220-yd. Dash:** (1) Meny, (T); (2) Stewart, (T); (3) Dumphy, (S). Time 22.2 sec.

**440-yd. Run:** (1) Hall, (T); (2) Piligian, (S); (3) Thompson, (S). Time 51.4 sec.

**880-yd. Run:** (1) Lang, (S); (2) Czar, (T); (3) Ziegler, (T). Time 2:04.5 min.

**One-Mile Run:** (1) Miller, (T); (2) Lang, (S); (3) Gardner, (T). Time 4:38.6 min.

**Two-Mile Run:** (1) Miller, (T); (2) McGregor, (T); (3) Smith, (S). Time 10:26.9 min.

**High Jump:** (1) Adams, (T); (2) Coles, (S) and Hawkes, (T). Height, 5' 8".

**Broad Jump:** (1) Piligian, (S); (2) Horst, (T); (3) Coles, (T). Distance 21' 10".

**Pole Vault:** (1) Judd, (T) and Horst, (T); (2) Azarian, (T), Foster, (S) and Memiske, (T). Height 11' 6".

**Discuss:** (1) Lineberger, (S); (2) Schwartz, (T); Kurth, (S). Distance 11' 7".

**Shot Put:** (1) Farina, (S); (2) Kurth, (S); (3) Bavicchi, (T). Distance 41'.

**Javelin:** (1) Mackey, (S); (2) Pastoriza, (T); (3) Van Voorhees, (T). Distance 172' 10".

**Hammer Throw:** (1) Kurth, (S); (2) Farina, (S); (3) Schlinghyde, (S). Distance 143' 8 1/2".

**Prep Schools Race On Charles Wed.**

Tomorrow afternoon, the Charles Basin will be the scene of the annual Prep School Regatta under the auspices of the Nautical Association. Ten schools will be represented in the races which start at 1:00 P.M.

The schools which will be represented will be Milton Academy, Browne and Nichols School, Derby Academy, Fessenden School, Gull Hill School, Portsmouth Priority, Phillips Exeter Academy, Proctor Academy, Vermont Academy, and Cambridge Upper School.

**Trackster To Speak**

(Continued from Page 4)

summer and all interested in participating should contact Oscar Hedlund before June 8th in order to arrange for times for practicing.

Warren Spear was recently elected captain of the freshman trackteam according to Oscar Hedlund, track mentor. Spear who captains the frosh cross country squad has never been defeated in dual competition while at Tech. Captain of his team at high school in Tarrington, N. Y., Spear lowered the record for the mile in the Hudson River League to 4:37.6. Last year he broke Gene Brady's freshman record at the Institute for the mile with a time of 4:35 on the board track.

**Crew Ends Year**

(Continued from Page 4)

labeled the unknown quantity before the race, showed magnificent rowing in their only outing of the season to finish second behind Harvard. The last half mile turned into a duel between Wisconsin and Navy for second place. Wisconsin won out by but 2 feet or one fifth of a second. Following the top three came Tech and Penn in that order.

The finish of the regatta left Harvard undefeated for the season, and Navy licking the wounds of its only loss. Pennsylvania and Wisconsin showed power in different races, and Tech showed huge improvement over any other time in the season.

The other Tech crew busy last Saturday was the varsity 150 pound boat, representing M.I.T. in the Eastern Association regatta at Princeton. In this race, the Princeton contingent was victorious in a very close finish and in so doing set a course record for Lake Carnegie. The Tigers finished two feet ahead of Pennsylvania and four feet ahead of Harvard. The Penn crew that finished second had set the old record a month ago at 9:46.6. The last three in the six-boat race were Cornell, Columbia and M.I.T. finishing in that order. The record breaking time was 6:40.8 for the Henley distance of a mile and five sixteenths.

To wind up the crew season, there will be a crew banquet for all those who wish to come. It will be held in Morss Hall of Walker Memorial tomorrow night, the price being a dollar per plate.

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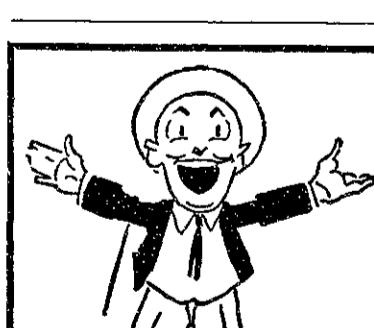
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333 Washington St., opp. Milk St., entrance also at 24 Province St.; 44 Boylston Street, Little Building, Street Floor; 60 Norway St., corner Massachusetts Ave.; 1916 Beacon Street, Coolidge Corner. Authorized and approved literature on Christian Science may be read or obtained.

## For Boys To Play

By Gene Schnell

... prefinals week is here terminating this year's social season except for an expected revival the weekend of the twenty-ninth. With entertainment conditions as such there seems no better time than now for a recapitulation of this year's social calendar, a very successful and full one indeed.

... dropping back into the social files of my predecessors, Messieurs Tancoos and Rowe, for recounts of the night-life of the first term, we freshman acquaintance dances at which the frosh had their chance to meet "en masse," classmates from the nearby colleges; Radcliffe and Simmons among others. Well do we remember the flagrant address-scribbling that characterized these dances and those upperclassmen who managed by foul or fair play (mostly foul) to attend, some for their fourth year!

... with weekends still devoid of Technology fun, many made the trek across the river into Boston town for their nightlife at the suggestion and advice of this column. Boston theatres, nightclubs, and eating spots tided students over 'till the advent of the first Technology fraternity party on the night of October 17, when the Delta Tau Deltas and guests skated their way into the social limelight of the weekend at the Delta Roller Skating Party. Thus were initiated the weekly fraternity parties served up by the twenty-four Tech chapters, with scarcely a weekend going by without at least one such informal or formal party.

... this past Fall the honors went to the class of forty-five on their 9-6 victory over the Sophomores in the Field Day Classic, and the first big campus formal topped the day at Walker Memorial as Claude Thornhill played his way to Tech popularity at a very successful Field Day Dance. Decorated in a Hallowe'en motif, everything ran smoothly under the guiding hand of Gordon Hill, dance committee chairman.

... two weeks later entertainment was taken over by the Sophomore class at the Statler. Repeating last year's choice for maestro, the committee under Prexy Langdon Flowers imported Gene Krupa for the event which set a record of entertaining over 360 couples. Only letdown of the evening was the appearance of Voo Doo, typically unfunny super-comic magazine that

(Continued on Page 8)

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Dividend at the rate of 12% on cash purchases and 10% on charge purchases, year ending June 30, 1941.

All memberships start July 1 and expire June 30.

## Technology Played An Essential Part In Winning Of The First World War

The record of the work and achievements of the Massachusetts Institute of Technology during the first World War is one of which any Tech man may well feel proud. During those years of national emergency, the Institute proved its ability to train men for service in the military and naval forces as well as it had trained them in the past for service in industry. Instruction was given to 8,802 men as specialists for various Government services; in particular, aviators and Merchant Marine officers. In addition, about 156,000 men were trained as officer material for the Army, Navy, or Merchant Marine.

The ominous years of 1914 and 1915 did little to arouse the complacent American public to take an interest in the "European" War, and it was not until December 1916 that the Alumni Council of the Institute appointed a committee to mobilize Technology's resources. From that time on, the committee worked unceasingly to place the Institute in a position to render the greatest possible service to the nation.

### Difficult Problems

The problem which faced Doctor Richard C. MacLaurin, then president of the Institute, was that of determining how the facilities and resources of the Institute could best be of benefit to the country. Many members of the faculty had volunteered their services for research work, and some had rendered valuable service to the Government prior to 1916, but President MacLaurin realized that an integrated educational effort would utilize Technology's strength in the best possible manner.

Accordingly, President MacLaurin placed the staff and laboratories of the Institute at the disposal of the Government on February 5, 1917. On April 6, war was declared and it soon became evident that the United States could be of great value to the Allies in the field of aviation.

### Aviators Needed

Trained aviators were urgently needed in large numbers, just as is the case today, but no provisions had been made to supply this demand. On April 30, 1917, the War Department notified Doctor MacLaurin that Technology had been selected as one of the six ground schools for the training of cadet aviators; the other five schools being located at Cornell University, Ohio State University, and the Universities of Illinois, Texas, and California. In each school a commandant was placed in charge, while the technical instruction was under the direction of an academic board, the president of which reported to the commandant.

The First Ground School for Pilots opened at the Institute on May 21, 1917. Major (later Colonel)

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WALKER MEMORIAL

## 315 Sophomores Have Definite Jobs In Industry for This Summer

Fifty-nine and nine-tenths per cent of the Sophomore class have definitely obtained jobs for the coming summer, according to Miss Dorothy Bond, in charge of Sophomore Placement. Working with Mr. Nathaniel M. Sage, director of the Placement Bureau, Miss Bond has been able to account for the summer activities of 87.8% of the 527 men in the Class of 1944. This plan of obtaining jobs for Sophomores has worked much more successfully than was originally expected, according to Miss Bond.

There are only 65 or 12.2% of the Sophomores who are not accounted for during the summer months, but it is expected that by the end of

### PLACEMENT HEAD



Nathaniel M. Sage

this week, all these men will decide what they are going to do. There are also seventeen men or 3.2% of the class who have definite offers from companies, but who have as yet not decided whether to take them.

#### Industry Cooperates

The success of the placement program this year has been largely due to the responses which the Bureau got from various companies. In starting their plan, the office contacted 250 companies, and got replies from almost all of them indicating that they needed men. Most of these men are going to do mechanical engineering work of one kind or another. This has made it possible for the office to place all but two of the 104 men in Course II.

Twenty-one and eight-tenths percent of the class are planning to attend summer school, and of these, a few are planning to get jobs after their courses here are finished. Many of these students have offers for the last few weeks of the summer.

#### Problem of Foreign Students

The Bureau's largest problem is that of the 15 foreign students in the class. Due to the restrictions placed on war industries at this time, it is impossible for any aliens to work in them. These students, therefore, will not be required to fulfill this Institute requirement.

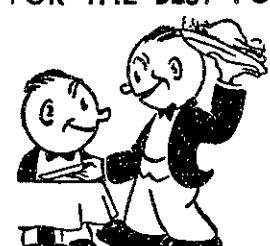
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### JOB-GETTER



Miss Dorothy Bond

the architecture students have also created somewhat of a problem in supplying jobs. Actually, in line with their future work, drafting is about the only thing which they can do for a summer job. Seven of them, however, have obtained mapping jobs with the Tennessee Valley Authority.

The Sophomore Placement Bureau has also taken on the task of finding work for some freshmen who have not decided what they are to do this year. They have found this harder than placing the Sophomores, who have had more specialized training.

IMPOSSIBLE? NO, EASY!

### Architecture Department Introduces More Courses To Supply New War Needs

Seeking to provide the nation with skilled men and leaders in defense, the department of architecture has introduced new courses and options recently, each for the purpose of aiding defense or in the interests of better building after the war. A City Planning Course, IV B, recently approved by the Corporation, the faculty and the President, will take its place in the fall. Other options in industrial design and building construction will aid to fill the need for trained men in national defense. Thus Technology is leading the architectural profession with new and modern curricula.

Technology was a pioneer in the field when in 1865 Professor William R. Ware received permission to establish a school of architecture. It was the purpose of the founder to break away from the customary habit of apprenticeship, in order to stabilize the study and practice of the art. In fact, Technology was the first school in the Anglo-Saxon countries to embody architecture in the curriculum.

#### Aim of the School

was provided with additional rooms, as were several other departments.

The Rogers Building, as were the other buildings, was designed by Welles Bosworth, '89. The building has features which make it a landmark in Cambridge, among them a high dome, similar to the large one of Building 10, doors opened by electric eyes, huge exterior columns, and a large interior court.

#### Modern Courses

After the retirement in 1939 of Dean William Emerson, the school appointed Walter R. MacCormack as dean. In explaining the uses of architecture, Dean MacCormack enumerated five primary outlets for architects. These are: Applied Architecture; Regional (or city) Planning; Industrial Design; Building Construction; and Business Administration.

Applied architecture includes especially the design of buildings of varied types, houses, churches, museums,—any public building. The architect is called upon to prepare specifications and often proceed with plans for actual construction. This therefore explains

(Continued on Page 8)

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## CALENDAR

## TUESDAY, MAY 19

6:15 P.M. Track Team Banquet—Morss Hall.  
6:30 P.M. M.I.T. Drama Club Banquet—Morss Hall.  
Lowell Institute Alumni Banquet—Pritchett Hall.

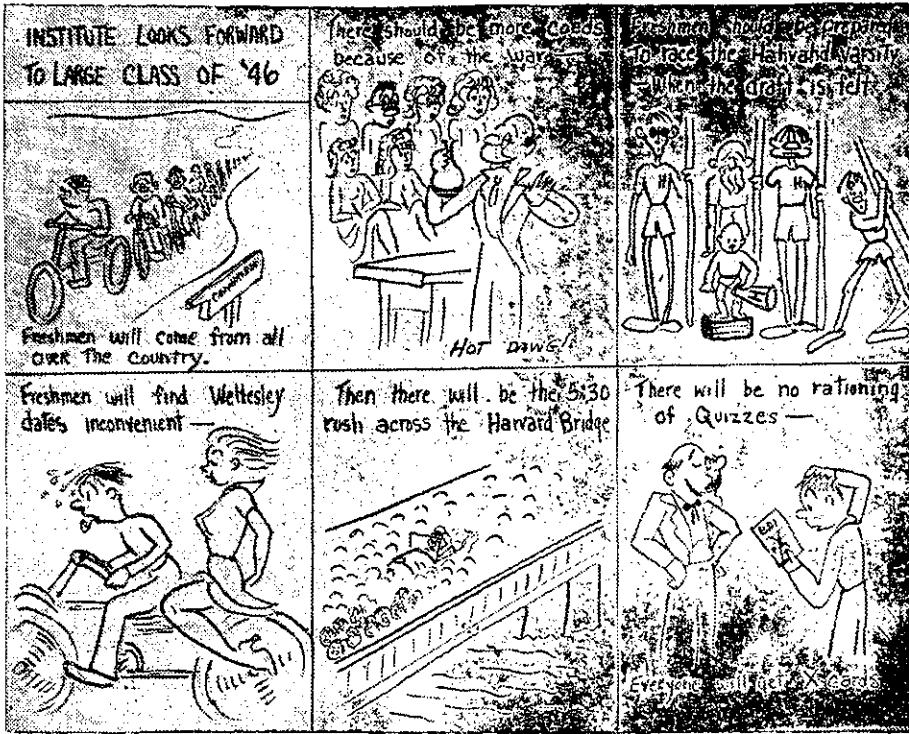
## WEDNESDAY, May 20

4:00 P.M. Air Corps Speakers—Room 4-370.  
5:00 P.M. Air Corps Speakers—Room 4-370.  
6:00 P.M. Crew Banquet—Pritchett Hall.  
Lowell Institute Dinner—Silver Room.  
8:00 P.M. Lowell Institute Graduation—Morss Hall.

## THURSDAY, MAY 21

3:00 P.M. Varsity Golf vs. W.P.I.—Here.  
6:15 P.M. A.S.M.E. Dinner—Pritchett Hall.

## THE FROSH ARE COMING — BUT HOW?



## Boat Contest

(Continued from Page 1)  
ing were the judges in the final decision.

In addition to the cash awards, each prize winner will receive certificates engraved with his name and prize won. There certificates are to be presented to the winners in English sections today and tomorrow.

## Architecture

(Continued from Page 7)  
why a construction option is essential. For many years Building construction courses were given under the supervision of the department of architecture, but more recently Course 17 has been added and has specialized in construction problems.

Regional planning is becoming increasingly popular as a branch of architecture, according to the dean. This year a new course was added which specializes in City Planning, following the standard freshman year instead of the regular architectural first year. The course embodies all the essentials of city planning study, with full emphasis on the economic and cultural studies.

The subject of limitless fields is the Industrial Design option. Although few have chosen to major in this subject, there is a constant demand for men who can design articles for commercial production.

A notable example of the designs created is the French style telephone, on which designers worked for over half a year.

The final option for students is business administration. This again has a full course schedule, but the leaders of the architectural school feel that it behoves a student to know the fundamentals of business in his dealings with the public.

Thus the department is preparing Technology men for professions in architecture. New courses are added frequently; old studies are dropped. Nevertheless the fundamentals of architectural design remain the same. The Dean and his staff are well aware of the necessity for adequate curricula changes, and are keeping the architectural course completely up to date.

## The Tech To Distribute This Issue To Freshmen

It is planned to distribute this issue of The Tech to all members of the incoming freshman class. In this way The Tech hopes to assist the freshmen in becoming better acquainted with life at the Institute.

Late in August, when complete lists of those admitted to the class of 1946 are available, a copy of this issue will be mailed to the home address of each man.

## INSTITUTE COMMITTEE AGENDA

## FOR THURSDAY, MAY 21, 1942

- That the Debating Society be given unconditional Class A recognition.
- That the Class of 1943 be regranted their seats on the Institute Committee.
- That the Class of 1944 be reganted their seats on the Institute Committee.
- That recognition of Grogo, Scroll, and Woop Garoo as undergraduate activities be withdrawn.
- That the by-laws requiring the publication of an agenda of the meeting, the absentees, and the late members be suspended for the summer term of 1942.
- That the changes in the II-A Society constitution be approved.
- That the Institute Committee approve the recommendation of the M.I.T.A.A. and appoint James P. Buchanan, '44, as 1943 Field Day Manager.
- A motion to be presented concerning a change in attendance and proxy requirements.
- That the financial report of the Freshman Prom Committee be accepted.

## For Boys To Play

(Continued from Page 6)  
keeps appearing every so often to remind Technology of the merits of Fido, The Tech's funny sheet.

... adding to the well filled social calendar were the many dances of varied success sponsored by numerous Tech clubs; the 5:15 Club, the Catholic Club, the International Club, the Outing Club, the Glee Club, and the Walker Staff, being most active in this capacity. Variety is the spice of life, and that exemplifies the types of dances held by these Clubs. From formals they ranged through football and get-together dances down to the extreme of informality at the frequent square dances.

... as the Christmas vacation drew near the fraternities again took the initiative with formals holding the upper hand and Bacchus showing the way. Adding to the holiday spirit the Dorm Dance Committee held their annual informal Christmas Dance. Night-life then quickly petered out as the homeward Christmas rush occurred, while intense work on the Junior Prom set in with Chairman Dick Childerhouse holding the reins.

... back from vacation, Course XXV men found entertainment on the decline as the rest of the school dug in for a last stand before finals, but being among the small minority of students holding two courses, the Entertainment Engineers turned their abilities in the same direction with blissful thoughts of the promising post-finals fun.

... having rested up and nearly forgotten the evils of the first term finals, Tech students again found themselves in the more lax atmosphere of the beginning of the second term, and entertainment was forthcoming in lush amounts as the Dormitory Dinner Dance inaugurated Winter festivities. The following weekend the fraternity winter season opened, but opened with three parties that put Technology in fine fettle for the Junior Prom.

... the '42 Junior Prom Committee initiated the long-discussed possibility of a Junior Prom Week-

end with a success that will undoubtedly set a precedent for the future. Tommy Tucker and Roly Rogers played Friday and Saturday nights respectively with the Saturday afternoon intermission filled in by fraternity cocktail parties. Organized festivities came to a close with the Burton Room Tea Sunday afternoon.

... not to be outdone, I.F.C. weekend came up March 27 with a battle of music between Harry Marshard and Sam Donahue. Punch parties and the All-Tech Carnival held sway Saturday afternoon; while numerous house-parties drew the weekend to a close in the wee hours of Sunday morning. Chairman Warren Foster became another benefactor to Course XXV by fostering this juicy tidbit of entertainment.

... last big formal of the year ended the social season with one of the best Assemblies that the Walker Staff has ever served. Bert Edwards ruled the bandstand, while the guests started their Spring vacation with vim in Walker's spacious Morss Hall. Credit goes to Otto Loven for the great success of the Assemblies.

... we all remember each freshman smoker at which the saying is coined, "TECH IS A PLACE FOR MEN TO WORK, AND NOT FOR BOYS TO PLAY," but only the brownest of brownbaggers could have excluded the whole of this social calendar from their weekends, and there will always be Course XXV for those members of that elite group called — Entertainment Engineering!

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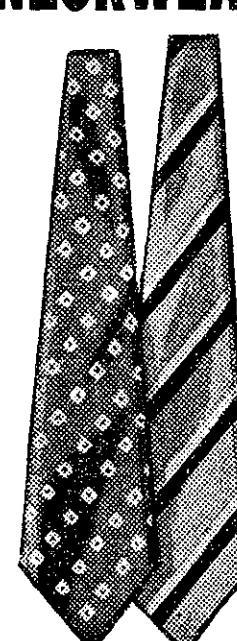
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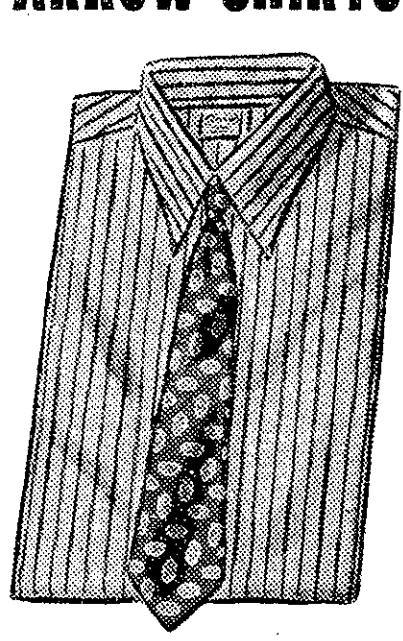
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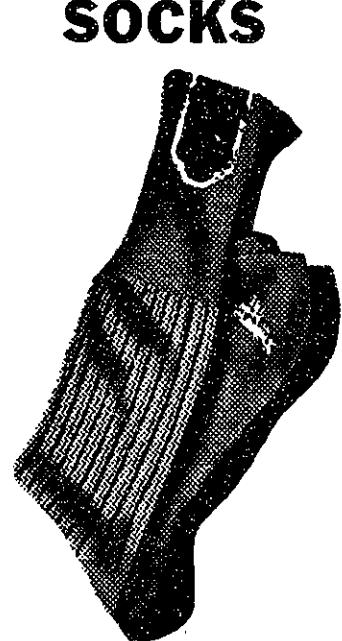
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